NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924) **U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE**	HYDROLOGIC SERVICE AREA (HSA) **San Angelo, TX**
MONTHLY REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH **February** YEAR **2010**
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283	SIGNATURE Jason Johnson DATE **March 17, 2010**

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

X An X inside this box indicates that no flooding occurred within this hydrologic service area.

A good rain event during the first week of February and a notable snow event during the last week of the month produced above normal precipitation for most of the Hydrologic Service Area (HSA). From February 2nd through 3rd, an upper level storm system approached the area from the southwest and produced widespread rainfall. By the end of the event on the 3rd, most areas received over one inch of rain. A few areas in Coke, Runnels and Taylor Counties received two inches of rain. A couple of mixed precipitation events occurred during the middle of the month. However, a considerable snow event for west central Texas occurred on the 23rd that produced at least four inches of snow across most areas between Interstates 10 and 20. A few areas around Sweetwater and around western Taylor County received six inches of snow.

The average precipitation reported from coop observers in February was 2.40 inches. The highest monthly precipitation total of 3.54 inches was reported in Coke County. Coop observers in Coke, Shackelford and Taylor Counties received over three inches of precipitation in February.

The San Angelo Regional Airport received 2.72 inches of precipitation during February, which was 1.54 inches above normal for the month. The monthly normal rainfall for San Angelo in February is 1.18 of an inch.

The Abilene Regional Airport received 2.18 inches of precipitation during February, which was 1.05 inches above normal for the month. The monthly normal precipitation for Abilene in February is 1.13 of an inch.

Junction received 2.47 inches of precipitation during February. The estimated average monthly precipitation in February is about 1.5 inches.

Coop Observer Rainfall Totals for February, 2010:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	2.00		Mertzon 12WNW	2.25
Acton Ranch	1.84		Ozona 2	1.45
Albany	1.46		Ozona 22SE	2.18
Anson	2.85		Paint Rock	2.34
Ballinger 2NW	1.97		Putnam	1.93
Brady	2.72		Red Bluff Crossing	2.48
Brownwood	2.22		Robert Lee	3.54
Burkett	2.93		Roscoe	1.58
Coleman	2.90		Rotan	2.49
Concho Park	2.25		San Angelo WFO	2.35
Eden	2.40		San Saba 7NW	2.42
Eldorado	2.38		Santa Anna 12SSE	2.31
Eldorado 10W	2.17		Silver Valley	2.62
Fort Griffin	3.31		Sonora	2.42
Fort McKavett	2.12		Stamford	M
Glen Cove 2NE	2.47		Sterling City	2.94
Hamlin	1.52		Taylor Ranch	2.29
Haskell	2.48		Throckmorton 7NE	2.78
Hords Creek	M		Water Valley	2.54
Humble Pump	2.15		Water Valley 11NE	3.20
Junction 4SSW	2.12		Winters 1NE	2.83
Lawn	2.50		Woodson	2.50
Mason	2.31			
Menard	2.08		(M) *Missing data*	
Merkel 12SW	3.26		(T) *Trace*	

Reservoir Conditions (end of February, 2010)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	52,880	76
Lake Stamford	52,700	42,390	82
Hubbard Creek Lake	317,800	222,600	70
Hords Creek Lake	8,800	3,850	47
Lake Brownwood	131,428	93,920	71
E.V. Spence	488,760	24,410	5
O.C. Fisher	119,200	4,000	3
O.H. Ivie	554,340	241,100	43
Twin Buttes	177,800	46,870	26

Hydro Products Issued

ESF = 1 (Spring Flood Outlook)
ESF = 2 (Probabilistic Forecast)

The NWS precipitation analysis can be viewed at http://water.weather.gov/.

The total monthly precipitation estimate and percent of normal precipitation for February across the San Angelo HSA is depicted below.